

ABSTRACT OF THE DISCLOSURE

A radio frequency (RF) receiver circuit comprises an antenna for receiving an RF signal; an optical detector for receiving a modulated optical signal and converting it to an electrical signal; a mixer for mixing the electrical and RF signals to produce an intermediate frequency signal; and a reflective optical modulator which is operable at an intermediate frequency to modify and reflect the modulated optical signal with the intermediate frequency. By detecting the optical signal which has been modified by the circuit, it is possible to remotely detect the RF signal received by the circuit and the circuit thus acts as a remotely accessible RF receiver circuit.

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